

MASTER VALUE LEDs pot LV

MASTER LED 4-20W 2700K 12V MR16 24D

Delivering a warm, halogen-like accent beam, MASTER LEDspot LV is an ideal retrofit solution for spot and general lighting applications in the hospitality industry. It is particularly suited to public areas such as receptions, lobbies, corridors, stairwells and washrooms, where the light is on all the time. The robustly designed MASTER LEDspot offers a choice of beam angles for a clearly defined beam spread. There is no UV or IR in the beam, making it suitable for illuminating heat-sensitive objects (food, organic materials, paintings, etc.). The patented intelligent driver enables broad compatibility with existing electromagnetic and electronic halogen transformers. The dimmable versions drive further efficiencies, while helping to create the desired atmosphere.

Warnings and Safety

- Operating temperature range is between -20° C and 45° C ambient
- Only to apply in dry or damp locations and most of open fixtures with lamp-holders that offer sufficient space (10 mm free air space)
- Not intended for use with emergency light fixtures or exit lights

Product data

General Information	
Cap-Base	GU5.3 [GU5.3]
Nominal lifetime	45,000 h
Switching Cycle	50,000
Lighting Technology	LED
EU RoHS compliant	Yes

Light Technical	
Color Code	827 [CCT of 2700K]
Beam Angle (Nom)	24 degree(s)
Luminous Flux	210 lm
Luminous Intensity (Nom)	1,000 cd
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	52.50 lm/W
Color Consistency	<6
Color rendering index (CRI)	80

MASTER VALUE LEDspot LV

LLMF At End Of Nominal Lifetime (Nom)	70 %

Operating and Electrical

Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	4 W
Lamp Current (Nom)	520 mA
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	instant full light s
Power Factor (Fraction)	0.7
Voltage (Nom)	12 V

Controls and Dimming

Dimmable	No

Mechanical and Housing

Bulb Shape	MR16 [2inch/50mm]

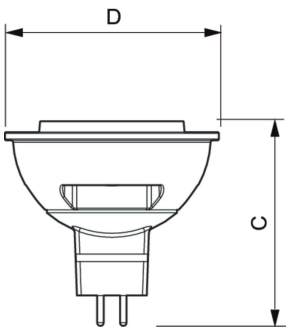
Approval and Application

Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	5 kWh

Product Data

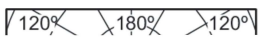
Order product name	MASTER LED 4-20W 2700K 12V MR16 24D
Full product name	MASTER LED 4-20W 2700K 12V MR16 24D
Full product code	871829119136000
Order code	929000217608
Material Nr. (12NC)	929000217608
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291191360
Numerator - Packs per outer box	10
EAN/UPC - Case	8718291191377

Dimensional drawing



Product	D	C
MASTER LED 4-20W 2700K 12V MR16 24D	50 mm	47.8 mm

Photometric data



Light Distribution Diagram - MASTER LED 4-20W 2700K 12V MR16 24D

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2023, April 29 - data subject to change